



DEPARTMENT OF THE NAVY
COMMANDER
NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND
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STENNIS SPACE CENTER, MS 39529-5005

NAVMETOC COMINST 1500.2J CH-1
N7

08 MAR 2001

NAVMETOC COM INSTRUCTION 1500.2J CHANGE TRANSMITTAL 1

From: Commander, Naval Meteorology and Oceanography Command

Subj: NAVAL METEOROLOGY AND OCEANOGRAPHY (METOC) COMMAND
TRAINING AND CERTIFICATION PROGRAM

Encl: (1) OccFld 68, METOC Enlisted Career Training Plan

1. Purpose. To issue change 1 to basic instruction.

2. Action

a. Add enclosure (1) to the basic instruction.

b. Make the following pen-and-ink changes:

(1) On page 1, add the following under Encl:

"(7) OccFld 68, METOC Enlisted Career Training Plan"

(2) On page 1, paragraph 1, add "and enclosures (1) through (7)." at the end of the first sentence.

(3) On page 7, paragraph 8.g, add "and enclosure (7)." at the end of the last sentence of the paragraph.

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OccFld 68, METOC Enlisted Career Training Plan

1. The perishable nature of the technical skills required of this OccFld, along with emerging technology demand that individual MOS training continue throughout a Marine's career. Accordingly, the career training plan for OccFld 68, Meteorological & Oceanographic, (METOC) Service provides for continued growth in MOS related skills; moreover, it is divided into progressive phases that focus upon the necessary skills required by grade. Suggested completion times are based upon rank, time in service, and course difficulty.

Observer Phase (MOS 6821):

a. The observer phase encompasses the duties of observing and recording weather conditions, requiring a firm grasp of fundamental meteorology. In addition, it stresses the ability to use ADP assets in the assimilation, distribution, and management of weather-related information and products.

Rank	Time in MOS	Course	Estimated time to complete	Location/ Course#
PVT-LCpl	3 mos	Marine Corps METOC Observer (MCWO) Course	11 Weeks	81 TRW KAFB, MS F0268B1
PVT-LCpl	3-6 mos	Qualification & Certification as a Weather Observer	8 Weeks	MCAS, MCAF, or MWSS
PVT-LCpl	4-6 mos	Aerographer's Mate Module 1 Surface Weather Observations	8.0 Hours	NAVEDTRA 12881
PVT-LCpl	5-7 mos	Aerographer's Mate Module 2 Miscellaneous Observations/Codes	8.0 Hours	NAVEDTRA 12882
PVT-LCpl	6-8 mos	Aerographer's Mate Module 3 Satellites and Weather Radar	8.0 Hours	NAVEDTRA 12883
PVT-LCpl	7-9 mos	Aerographer's Mate Module 4 Communications and Administration	8.0 Hours	NAVEDTRA 12884
PFC-LCpl	8 mos	NEETS Module 22: Introduction to Digital Computers	12.0 Hours	NAVEDTRA 172-22-00-98
PFC-LCpl	8-10 mos	WinNT4.0: Getting Started (CBT)	4.0 Hours	NAVEDTRA 172-22-00-88

1 Minimum grade/rank, but may be accelerated for exceptional individuals.

2 Maximum TIME IN MOS for personnel of that particular grade/rank.

3 Goal is completion of course on or before TIME IN MOS date.

Transition Phase (MOS 6821):

b. The Transition Phase accomplishes a two-fold purpose; primarily, it serves as a transition period from conducting purely weather observing functions to performing some basic analytical/forecasting functions under direct supervision. Additionally, it prepares prospective candidates to attend the Meteorological & Oceanographic Analyst/Forecaster (MOAF) Course.

Rank	Time in MOS	Course	Estimated time to complete	Location/ Course#
LCpl-Cpl	8-11 mos	WinNT4.0 Basic Configuration (CBT)	8 Hours	NAVOCEANO
LCpl-Cpl	8 mos	WinNT4.0: Up and Running (CBT)	5.0 Hours	NAVOCEANO
LCpl-Cpl	10-12 mos	Basic Satellite Imagery Interpretation (CBT)	6.0 Hours	METOC 50-1T-9601
LCpl-Cpl	11-13 mos	WSR-88D Tutorial CD-ROM	8.0 Hours	NAVOCEANO
LCpl-Cpl	13-15 mos	Skew-T/Log P	N/A	AWS/TR-79/006
LCpl-Sgt	15-24 mos	Introduction to Forecasting (ITF) Vols. 1-6	174.0 Hours	METOC 50-1P-0002
LCpl-Sgt	20-24 mos	Oceanography Correspondence Course	12.0 Hours	METOC 60-1T-9601
Cpl-Sgt	20-26 mos	OJT as an Assistant Forecaster (Must be a "mentoring" process).	24 Weeks	MCAS, MCAF, or MWSS

Forecaster Phase (MOS 6842):

c. This phase focuses primarily on the development and refinement of weather forecasting skills. In addition to maintaining MOS credibility and proficiency, Gunnery Sergeants and Master Sergeants are required to have a thorough understanding and working knowledge of Meteorological Systems Management to include: operating systems, networking, configuration, etc.

1 Minimum grade/rank, but may be accelerated for exceptional individuals.

2 Maximum TIS for personnel of that particular grade/rank.

3 Goal is completion of course on or before TIS date.

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Forecaster Phase (MOS 6842) continued:

Rank	Time in Service	Course	Estimated time to complete	Location/ Course#
Sgt	36 mos	Meteorological & Oceanographic Analyst/Forecaster (MOAF) Course	32 Weeks	81 TRW KAFB, MS F02RCB1
Sgt	48 mos	Qualification & Certification as a Weather Forecaster	12 Weeks	MCAS, MCAF, or MWSS
Sgt	50 mos	Aerographer's Mate First Class & Chief RTM (AG1&C)	24.0 Hours	MCAS, MCAF, or MWSS
Sgt-SSgt	50 mos	Forecast Process (COMET CD-ROM)	3.0 Hours	NAVOCEANO
Sgt-SSgt	56 mos	Satellite Meteorology: Case Studies Using GOES Imager Data 1997 (COMET CD-ROM)	3.0 Hours	NAVOCEANO
Sgt-SSgt	60 mos	Satellite Meteorology: Remote Sensing Using The New Goes Imager (COMET CD-ROM)	6.0 Hours	NAVOCEANO
Sgt-SSgt	60 mos	A Convective Matrix (COMET CD-ROM)	12.0 Hours	NAVOCEANO
Sgt-SSgt	60 mos	Anticipating Convective Storm Structure and Evolution (COMET CD-ROM)	9.0 Hours	NAVOCEANO
Sgt-SSgt	60 mos	Fire Weather (COMET CD-ROM)	6.0 Hours	NAVOCEANO
Sgt-SSgt	N/A	A Workbook On Tropical Clouds and Cloud Systems Observed In Satellite Imagery Volume I	8.0 Hours	METOC 50-1T-9610
Sgt-SSgt	N/A	Tropical Synoptic Models	5.0 Hours	METOC 50-1T-9604
Sgt-SSgt	N/A	Tropical Streamline Analysis	4.0 Hours	METOC 50-1T-9607
Sgt-SSgt	N/A	Operational Oceanography, Mod. II	12.0 Hours	METOC 60-1T-9602
Sgt-SSgt	N/A	Operational Oceanography, Mod. III	12.0 Hours	METOC 60-1T-9603
Sgt-SSgt	N/A	Water Vapor Imagery: Interpretation and Applications to Weather Analysis and Forecasting	12.0 Hours	METOC 50-1B-0001
Sgt-SSgt	N/A	Antenna Construction and Propagation of Radio Waves	11.0 Hours	MCI 25.15

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Forecaster Phase (MOS 6842) continued:

Rank	Time in Service	Course	Estimated time to complete	Location/ Course#
SSgt	N/A	WinNT4.0: Managing User's and Groups (CBT)	9.0 Hours	NAVOCEANO
SSgt	N/A	WinNT4.0: Sharing and Securing Network Resources (CBT)	5.0 Hours	NAVOCEANO
SSgt	N/A	WinNT4.0: Network Configurations (CBT)	5.0 Hours	NAVOCEANO
SSgt	N/A	WinNT4.0: Troubleshooting and I Optimization (CBT)	9.0 Hours	NAVOCEANO
SSgt	N/A	WinNT4.0: Introduction to TCP/IP and IP Addressing (CBT)	3.0 Hours	NAVOCEANO
SSgt	N/A	WinNT4.0 : Subnet Addressing, IP Routing and Browsing (CBT)	5.0 Hours	NAVOCEANO
SSgt	N/A	Web A&P: Creating HTML Documents (CBT)	3.0 Hours	NAVOCEANO
SSgt	N/A	Web A&P: Creating Fill In Forms (CBT)	3.0 Hours	NAVOCEANO
SSgt	N/A	Web A&P: Advanced HTML Links (CBT)	4.0 Hours	NAVOCEANO
SSgt	N/A	Joint METOC Tactical Applications Course (JMTAC)	2 Weeks	FLETRACEN
SSgt-GySgt	N/A	Tropical Weather Analysis and Forecasting	4 Weeks	81 TRW KAFB, MS F020321
SSgt-MSgt	N/A	Meteorological Systems Management	2 Weeks	TBD
SSgt-MSgt	N/A	WSR-88D Operator/Manager Course	3 Weeks	81 TRW KAFB, MX F02K BK1

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